



CERTIFICATE OF ANALYSIS

Powered by Confident LIMS
1 of 6

Beak & Skiff Research

4473 Cherry Valley Turnpike
Lafayette, NY 13084
luke@beakandskiff.com
(315) 506-4981
Lic. #: OCM-HMPE-23-00058

Sample: 240919TRI010.001

Sample Description: Ayrloom Hemp Organic 2400mg CBD Original Tincture; Sample Size: 1 units;
Batch/Lot# : 091924MV_GVL;
Sample Received: 09/24/2024; Report Created: 09/30/2024;
Sampled By: Client;

T0111 (091926)

Ingestible, Tincture



67.19 mg/unit
Total THC

2360 mg/unit
Total CBD
30.77 mg/unit
Total CBG

2540 mg/unit
Total Cannabinoids

Cannabinoids

Date Analyzed: 09/26/2024

Complete

| Analyte | LOD | LOQ | Result | Result |
|--------------|---------|---------|-------------|--------------|
| | mg/unit | mg/unit | mg/unit | % |
| THCa | 0.3644 | 1.215 | ND | ND |
| Δ9-THC | 0.3644 | 1.215 | 67.19 | 0.2358 |
| Δ8-THC | 0.3644 | 1.215 | ND | ND |
| THCVa | 0.3644 | 1.215 | ND | ND |
| THCV | 0.3644 | 1.215 | ND | ND |
| CBDa | 0.3644 | 1.215 | ND | ND |
| CBD | 0.3644 | 1.215 | 2360 | 8.280 |
| CBDVa | 0.3644 | 1.215 | ND | ND |
| CBDV | 0.3644 | 1.215 | 14.81 | 0.05196 |
| CBN | 0.3644 | 1.215 | 3.062 | 0.01075 |
| CBGa | 0.3644 | 1.215 | ND | ND |
| CBG | 0.3644 | 1.215 | 30.77 | 0.1080 |
| CBCa | 0.7076 | 2.359 | ND | ND |
| CBC | 0.3644 | 1.215 | 58.62 | 0.2057 |
| CBL | 0.3644 | 1.215 | 5.827 | 0.02045 |
| Total | | | 2540 | 8.913 |

1 Unit = 30 mL Bottle, 28.4970g

Unit Mass/Volume provided by Client and may affect the validity of "mg/unit" results.
SOP:102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows (SOP:702; Gravimetry).

**TRI-
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6000 Commerce Parkway Suite I
Mount Laurel, NJ
(856) 316-0600
<http://www.trichomeanalytical.com>

Kristen Goedde
Lab Manager

Tom Barkley
Technical Manager

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coa.support@confidentlims.com
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T0111 (091926)

Ingestible, Tincture



Microbials

Date Analyzed: 09/29/2024


Pass

| Analytes | Limit | Result | Status |
|------------------------|-----------------|---------------|--------|
| Total Aerobic Count | CFU/g 100000 | CFU/g <100 | Pass |
| Listeria Monocytogenes | | Not Detected | Tested |
| Salmonella SPP | Detected in 1g | Not Detected | Pass |
| E. Coli (STEC) | Detected in 1g | Not Detected | Pass |
| Yeast & Mold | 10000 | <100 | Pass |

SOP.606, SOP.607; qPCR and/or SOP.605; MPN.

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T0111 (091926)

Ingestible, Tincture



Mycotoxins

Date Analyzed: 09/26/2024


Pass

| Analytes | LOD | LOQ | Limit | Result | Status |
|------------------|---------|---------|--------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Aflatoxin B1 | 0.00149 | 0.00498 | | ND | Tested |
| Aflatoxin B2 | 0.00149 | 0.00498 | | ND | Tested |
| Aflatoxin G1 | 0.00149 | 0.00498 | | ND | Tested |
| Aflatoxin G2 | 0.00149 | 0.00498 | | ND | Tested |
| Total Aflatoxins | | | 0.0200 | ND | Pass |
| Ochratoxin A | 0.00598 | 0.0199 | 0.0200 | ND | Pass |

SOP.402; LC-MS/MS.

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T0111 (091926)

Ingestible, Tincture



Elemental

Date Analyzed: 09/27/2024

Pass

Heavy Metals

| Analytes | LOD | LOQ | Limit | Result | Status |
|----------|----------|---------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.00651 | 0.0482 | 1.50 | ND | Pass |
| Cadmium | 0.000512 | 0.0241 | 0.500 | ND | Pass |
| Lead | 0.00609 | 0.0241 | 1.00 | ND | Pass |
| Mercury | 0.00276 | 0.00722 | 1.50 | ND | Pass |
| Chromium | 0.0259 | 0.0722 | | ND | Tested |
| Nickel | 0.0266 | 0.0722 | | ND | Tested |
| Antimony | 0.00805 | 0.0241 | | ND | Tested |
| Selenium | 0.0126 | 0.0963 | | ND | Tested |


Nutrients

| Analytes | LOD | LOQ | Limit | Result | Status |
|-----------|--------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Copper | 0.103 | 0.489 | | ND | Tested |
| Iron | 1.67 | 5.00 | | ND | Tested |
| Manganese | 0.0155 | 0.489 | | ND | Tested |
| Zinc | 1.67 | 5.00 | | ND | Tested |

SOP 502; ICPMS.

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Sampled By: Client;

T0111 (091926)

Ingestible, Tincture



Pesticides

Date Analyzed: 09/26/2024

Pass

| Analytes | LOD | LOQ | Limit | Result | Status | Analytes | LOD | LOQ | Limit | Result | Status |
|-----------------------|--------|--------|-------|--------|--------|-------------------------|--------|--------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | | | µg/g | µg/g | µg/g | µg/g | |
| Abamectin | 0.0187 | 0.0623 | 0.300 | ND | Pass | Fludioxonil | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Acephate | 0.0187 | 0.0623 | 3.00 | ND | Pass | Hexythiazox | 0.0187 | 0.0623 | 2.00 | ND | Pass |
| Acequinocyl | 0.0187 | 0.0623 | 2.00 | ND | Pass | Imazalil | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Acetamiprid | 0.0187 | 0.0623 | 3.00 | ND | Pass | Imidacloprid | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Aldicarb | 0.0187 | 0.0623 | 0.100 | ND | Pass | Kresoxim Methyl | 0.0187 | 0.0623 | 1.00 | ND | Pass |
| Azoxystrobin | 0.0187 | 0.0623 | 3.00 | ND | Pass | Malathion | 0.0187 | 0.0623 | 2.00 | ND | Pass |
| Bifenazate | 0.0187 | 0.0623 | 3.00 | ND | Pass | Metalaxyl | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Bifenthrin | 0.0187 | 0.0623 | 0.500 | ND | Pass | Methiocarb | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Boscalid | 0.0187 | 0.0623 | 3.00 | ND | Pass | Methomyl | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Captan | 0.149 | 0.498 | 3.00 | ND | Pass | Mevinphos | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Carbaryl | 0.0187 | 0.0623 | 0.500 | ND | Pass | MGK-264 | 0.0374 | 0.125 | | ND | Tested |
| Carbofuran | 0.0187 | 0.0623 | 0.100 | ND | Pass | Myclobutanil | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Chlorantraniliprole | 0.0187 | 0.0623 | 3.00 | ND | Pass | Naled | 0.0187 | 0.0623 | 0.500 | ND | Pass |
| Chlordane | 0.0187 | 0.0623 | 0.100 | <LOQ | Pass | Oxamyl | 0.0187 | 0.0623 | 0.500 | ND | Pass |
| Chlorfenapyr | 0.0187 | 0.0623 | 0.100 | ND | Pass | Pacllobutrazol | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Chloromequat chloride | 0.0187 | 0.0623 | 3.00 | ND | Pass | Parathion Methyl | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Chlorpyrifos | 0.0187 | 0.0623 | 0.100 | ND | Pass | Pentachloronitrobenzene | 0.0187 | 0.0623 | 0.200 | ND | Pass |
| Clofentezine | 0.0187 | 0.0623 | 0.500 | ND | Pass | Permethrins | 0.0374 | 0.125 | 1.00 | ND | Pass |
| Coumaphos | 0.0187 | 0.0623 | 0.100 | ND | Pass | Phosmet | 0.0187 | 0.0623 | 0.200 | ND | Pass |
| Cyfluthrin | 0.0747 | 0.249 | 1.00 | ND | Pass | Piperonyl Butoxide | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Cypermethrin | 0.0374 | 0.125 | 1.00 | ND | Pass | Prallethrin | 0.0747 | 0.249 | 0.400 | ND | Pass |
| Daminozide | 0.0187 | 0.0623 | 0.100 | ND | Pass | Propiconazole | 0.0187 | 0.0623 | 1.00 | ND | Pass |
| Diazinon | 0.0187 | 0.0623 | 0.200 | ND | Pass | Propoxur | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Dichlorvos | 0.0187 | 0.0623 | 0.100 | ND | Pass | Pyrethrins | 0.0747 | 0.249 | 1.00 | ND | Pass |
| Dimethoate | 0.0187 | 0.0623 | 0.100 | ND | Pass | Pyridaben | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Dimethomorph | 0.0187 | 0.0623 | 3.00 | ND | Pass | Spinetoram | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Ethoprophos | 0.0187 | 0.0623 | 0.100 | ND | Pass | Spinosad | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Etofenprox | 0.0187 | 0.0623 | 0.100 | ND | Pass | Spiromesifen | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Etoxazole | 0.0187 | 0.0623 | 1.50 | ND | Pass | Spirotetramat | 0.0187 | 0.0623 | 3.00 | ND | Pass |
| Fenhexamid | 0.0187 | 0.0623 | 3.00 | ND | Pass | Spiroxamine | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Fenoxycarb | 0.0187 | 0.0623 | 0.100 | ND | Pass | Tebuconazole | 0.0187 | 0.0623 | 1.00 | ND | Pass |
| Fenpyroximate | 0.0187 | 0.0623 | 0.100 | ND | Pass | Thiacloprid | 0.0187 | 0.0623 | 0.100 | ND | Pass |
| Fipronil | 0.0187 | 0.0623 | 0.100 | ND | Pass | Thiamethoxam | 0.0187 | 0.0623 | 1.00 | ND | Pass |
| Fonicamid | 0.0187 | 0.0623 | 2.00 | ND | Pass | Trifloxystrobin | 0.0187 | 0.0623 | 3.00 | ND | Pass |

SOP.402; LC-MS/MS & SOP.302; GC-MS



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T0111 (091926)

Ingestible, Tincture



Residual Solvents

Date Analyzed: 09/25/2024


Pass

| Analytes | LOD | LOQ | Limit | Result | Status |
|---------------------|--------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| 1,1- Dichloroethene | 0.0360 | 0.108 | 8.00 | ND | Pass |
| 1,2-Dichloroethane | 0.144 | 0.432 | 5.00 | ND | Pass |
| Acetone | 14.4 | 43.2 | 5000 | ND | Pass |
| Acetonitrile | 14.4 | 43.2 | 410 | ND | Pass |
| Benzene | 0.0360 | 0.108 | 2.00 | ND | Pass |
| Butane | 14.4 | 43.2 | 2000 | ND | Pass |
| Chloroform | 0.0360 | 0.108 | 60.0 | ND | Pass |
| Ethanol | 14.4 | 43.2 | 5000 | ND | Pass |
| Ethyl acetate | 14.4 | 43.2 | 5000 | ND | Pass |
| Ethyl ether | 14.4 | 43.2 | 5000 | ND | Pass |
| Ethylene oxide | 0.144 | 0.432 | 5.00 | ND | Pass |
| Heptane | 14.4 | 43.2 | 5000 | ND | Pass |
| n-Hexane | 7.21 | 21.6 | 290 | ND | Pass |
| Isopropyl alcohol | 14.4 | 43.2 | 5000 | ND | Pass |
| Methanol | 14.4 | 43.2 | 3000 | ND | Pass |
| Methylene chloride | 0.0721 | 0.216 | 600 | ND | Pass |
| Pentane | 3.60 | 10.8 | 5000 | ND | Pass |
| Propane | 7.21 | 21.6 | 5000 | ND | Pass |
| Toluene | 7.21 | 21.6 | 890 | ND | Pass |
| Trichloroethylene | 0.0360 | 0.108 | 80.0 | ND | Pass |
| Xylenes | 7.21 | 21.6 | 2170 | ND | Pass |

SOP.204; HS-GC-MS.

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